

GTCGCAATCCATTAGAGCAGCGCAAGCAGCGGAGCAGCTGCGCATTCAGATTCTAGCTCGGGACGATCAGATCA 75

ATGGCGGTTCATGTCCGGTCCAGGAGGCTGGCGGCGCCGCTGCTGGTGTCTAGCGCTGGCGGCGTGGCCGTG 154
M A V M S R S R R L A A P A L L V L L A L A A V A V (26)

CGGAGACGACGCTGGACGGCGGAGGTGGCGCGGCAAGGAGGAGTCTGCTGGGCGGGGTGGGCCAAGGACAA 232
A E T T L D G A E V A P G K E E S S W A G W A K D K (52)

GTCCTCGAAGGCTCTCGGCTGGACAGATCTCCGAGGGGCTCGGGTCAAGCACCACGCGGACGAGGAGGAGCGCG 310
V S E G L G L D K I S E G L G L K H H A D E E E A A (78)

CGCAAGGCGGACACACCGTCAAGTCCGCGCGGAGACCGCCAGCAGCGCGCTCCGAGACGGGGAGGACGCGGAGC 388
R K A G E T V K S A R E T A Q H A A S E T G R Q A S (104)

GGCAAGGTGGGGACGCCAAGGAGCGCGGAGCAGCGCGGCGCGCGCGCGCGCAACAAAGCGGGCAGGCCAAAGAC 466
G K V G D A K E A A E Q A A T G A A N K A G Q A K D (130)

AAGGCGGCGGAGACGGTGAAGGGCAGCGCGGCGGAGGCGTCCAGAAAGCGGAGCAGGCCAAGCAGACCAAGGAG 544
K A A E T V K G T A G E A S K K A E Q A K R K T K E (156)

GCCGCGGAGGCGGCGCGCAAGACGGGCGGAGACGCGCAGAGCGGTTCGAAGCAGGGCGAAGGCCAAGGTGGAGGAGATG 622
A A E A A A K T G A E T H E R S K Q G K A K V E E M (182)

GCCAGGGAGTGGTACGAGAGAGCCAGCACAAGCGCGGGAGGGGTACGAGACGCTGAAGCAACCAAGGAGCGCGGT 700
A R E W Y E R A R H T A G E G Y E T L K Q T K D A A (208)

GCGGAGAAGGCAGCGGCGGCAAGGACGCGCGCACGAACAGGCGGCTGCGCGCCGCGAGACGCGCGGAGAGGCA 778
A E K A A A A K D A A T N K A G A A T Q T A A E K A (234)

GCGGAGCCCAAGGACACCGCGCGGTAAGGCCAAGGCTGCGAAGGAGCGCTGCGTGGGAGGAGACAGGCTCTGCCAAG 856
A A A A K D T A A G K A K A A K D A A W E E T G S A K (260)

GACGCCACATGGCAGGCGCAGGAGAGCTGAAGCAATACAAGCAGCGCGCTTGGAGAGGCGCGGCGAGCCAGGAC 934
D A T W Q A Q E K L K Q Y N D A A S E K A A A A K D (286)

GCCGAGCGTGAAGGCGCGGCGGAGCCAGGACGCGCGCTGGAGGAGCGCGGAGGCGGCAAGGGAACGGTCCGAGAG 1012
A D A E K A A A A K D A A W K N A E A A K G T V G E (312)

AAGGCAAGGGCGGCGGCAAGGACGCGCAGTTCGAGAGACCGAGTCCGCGAAGGACGCGCGCTTGGGAGAGCGCGGAGGCG 1090
K A G A A K D A T L E K T E S A K D A A W E T A E A (338)

GCCAAGGCGAAGGCTAAGGAGGGGTACGAGAGGTGAAGGAGAGGACCGGACCAAGGAAAGCTCGGCGAGGTGAAG 1168
A K G K A N E G Y E K V K E K D A T K E K L G E V K (364)

GACAAGGTACCGGCGCAGCATCCGACGGCAAGGCGAAGAGCNCGGCAATGGCGACGAGCTGTGAATGAACACGATC 1246
D K V T G A A S D G K A K K X R N G D E L (385)

CATCCGCAATTTCTTGCCATAGTTCTTCTTCCATGAATGTTTTCAGTGTCTTCGAGCTAGTTTTTTTATGTTGTTT 1324
CTTTTGACATAACGTGTCCCATATGATTGAACCATGCAGGATCAAAACAGTTTCTTTCTATAAAAAAAAAAAAAA 1402
AAAAAAAAAAAAAAAAAAAA 1420

Fig. 1

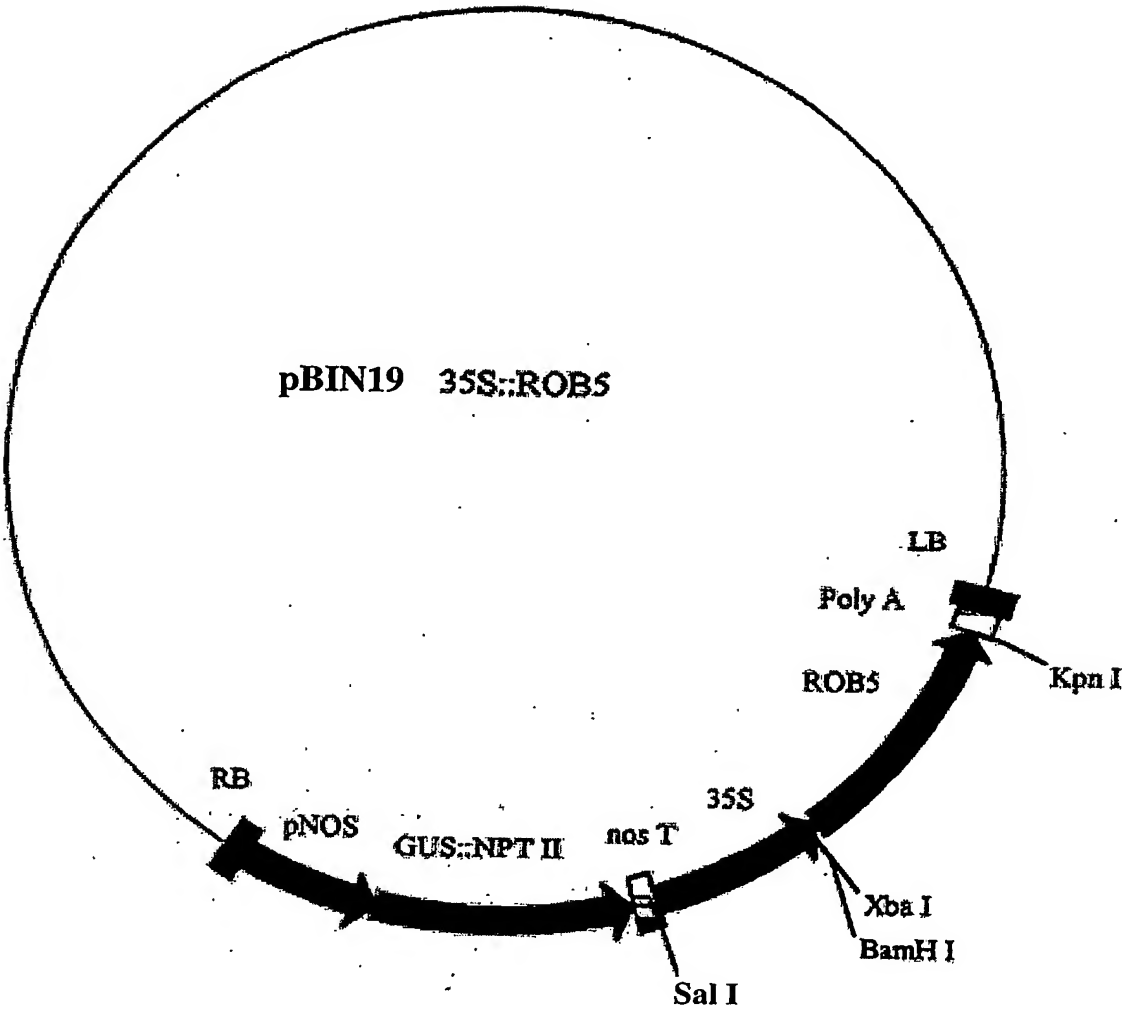


Fig. 2

10/534744

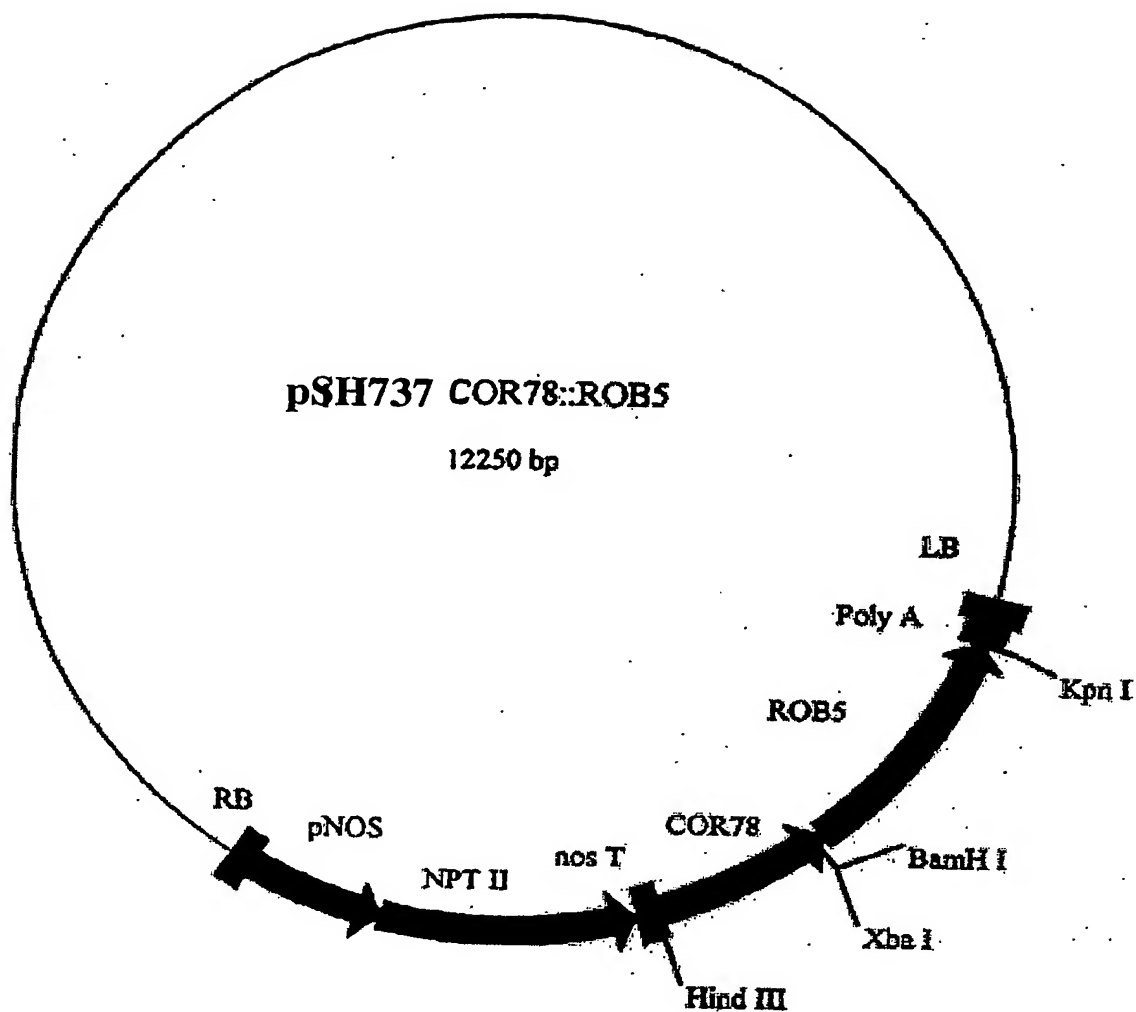


Fig. 3

10/534744

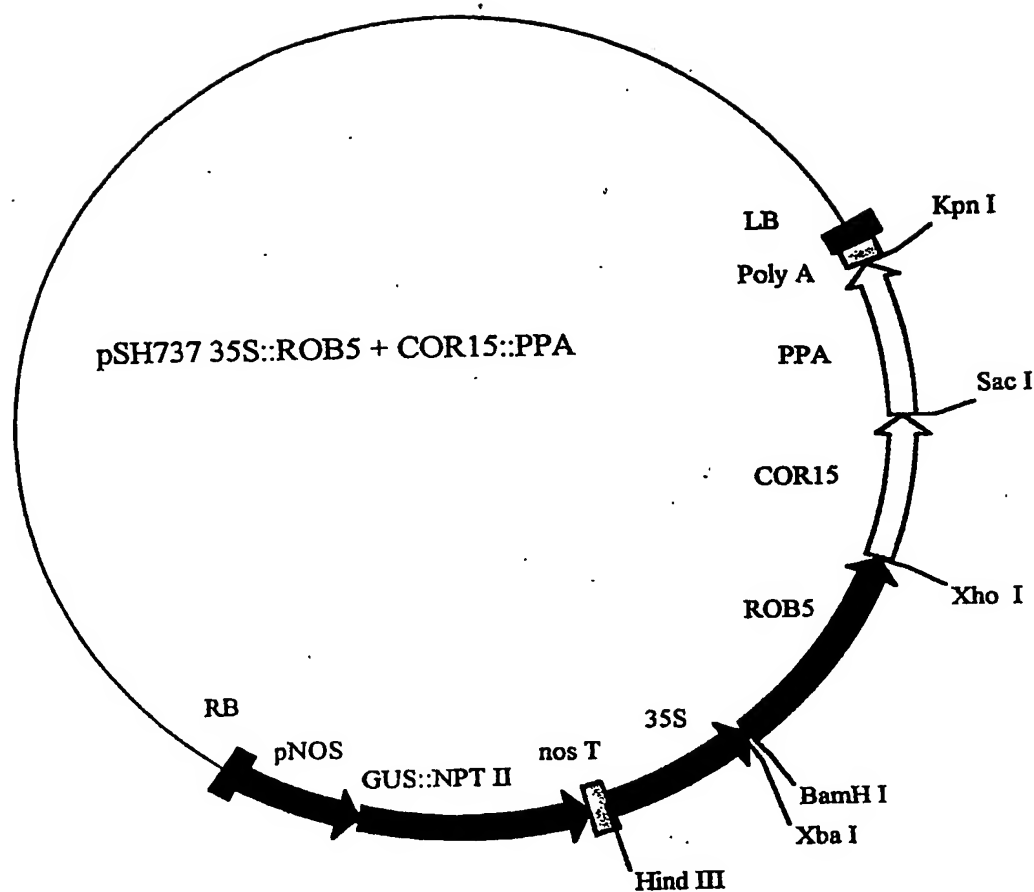


Fig. 4

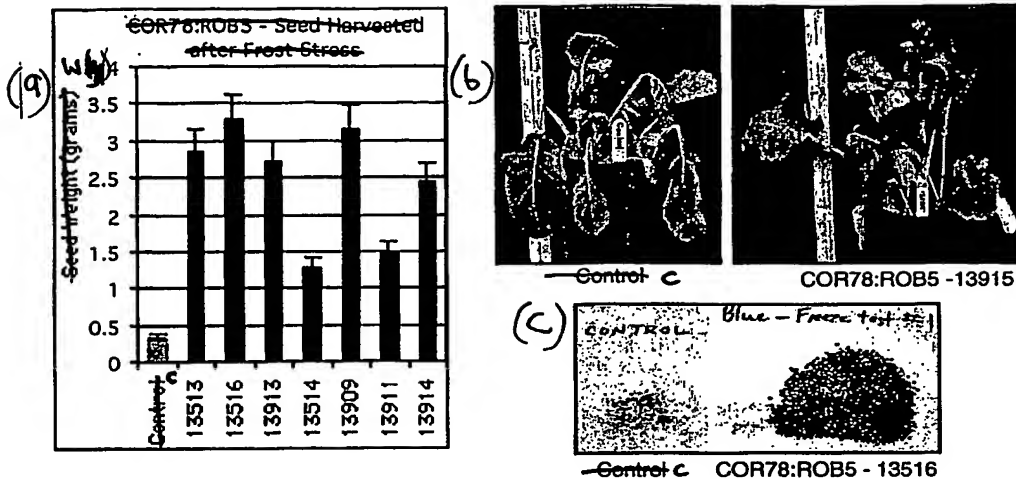


Fig. 5

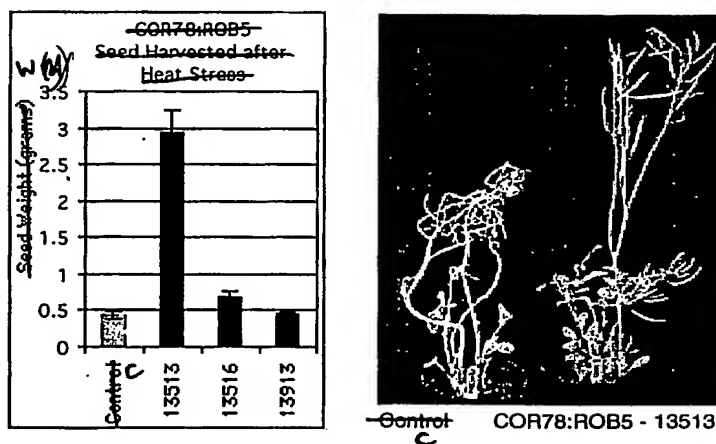


Fig. 6

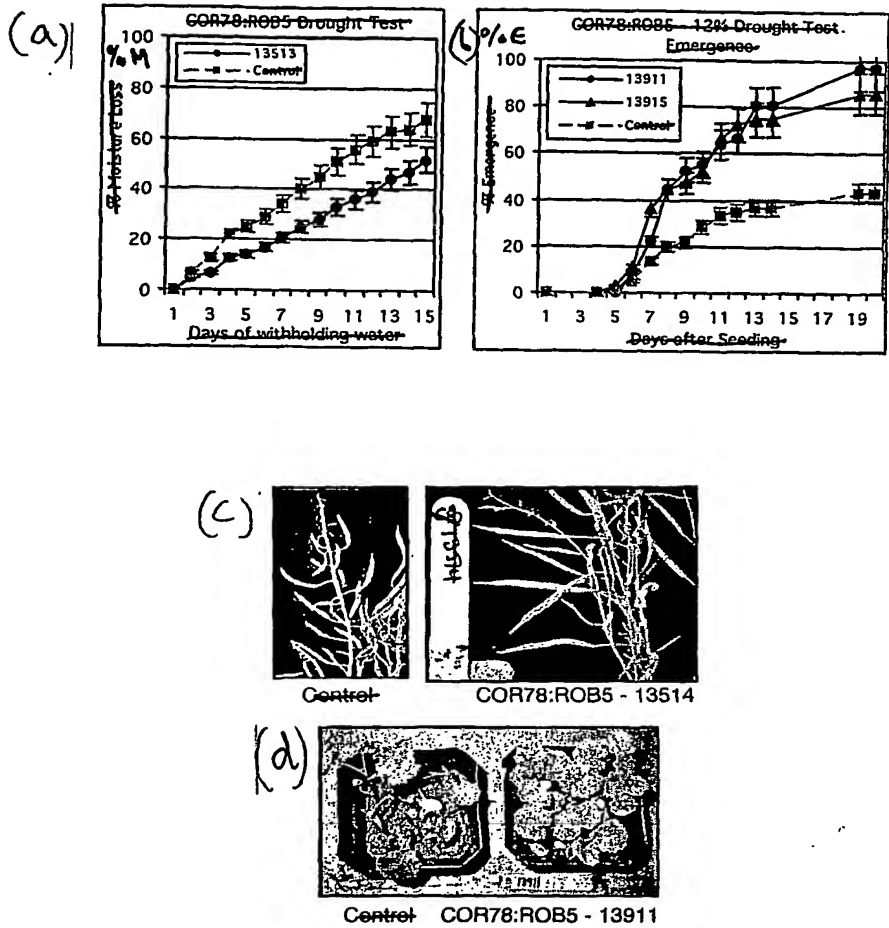


Fig. 7

10/534744

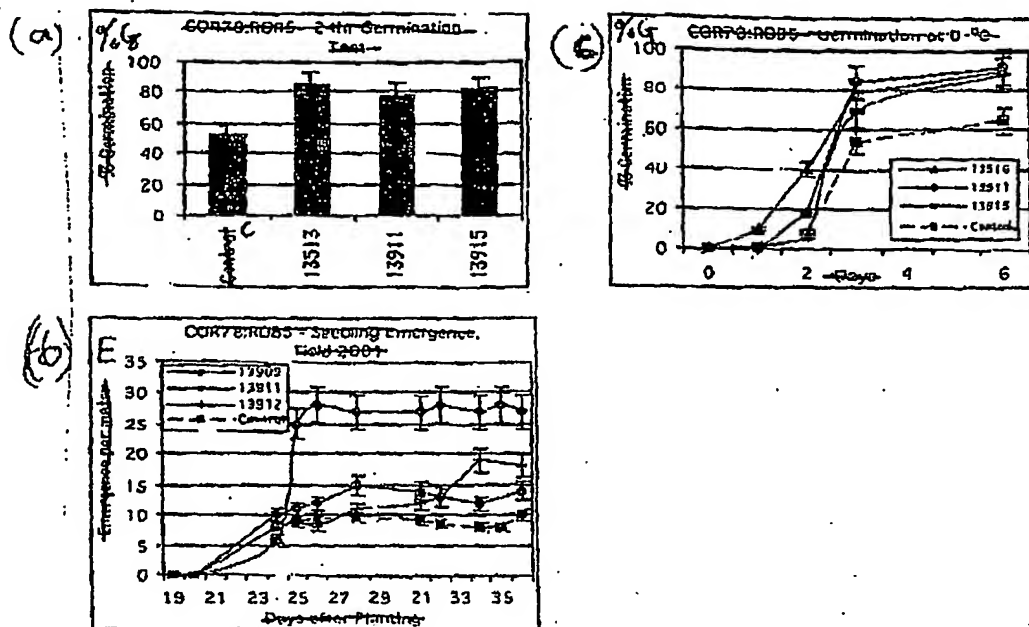


Fig. 8

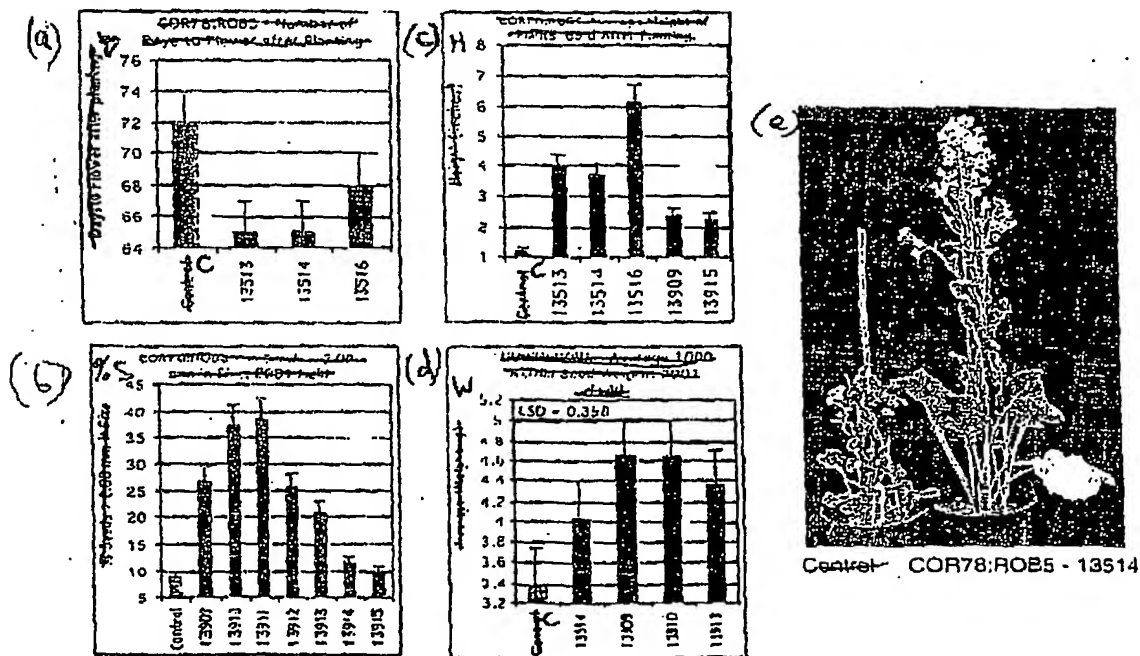


Fig. 9

10/534744

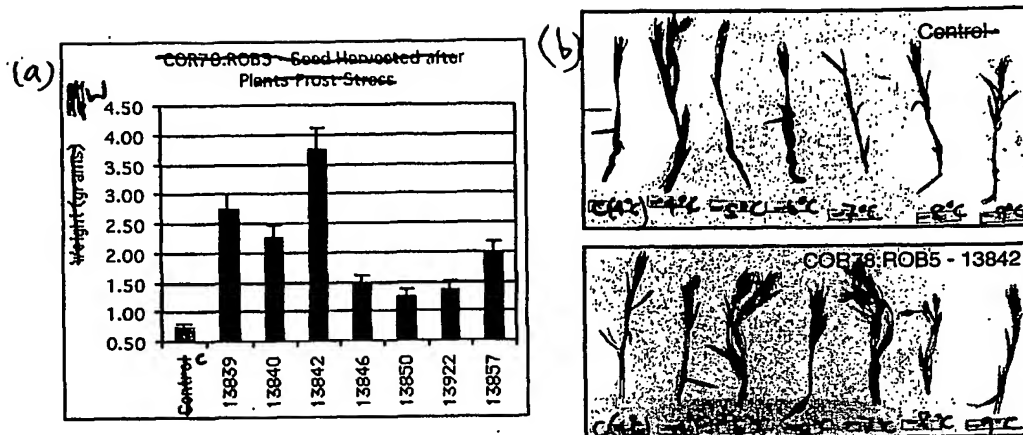


Fig. 10

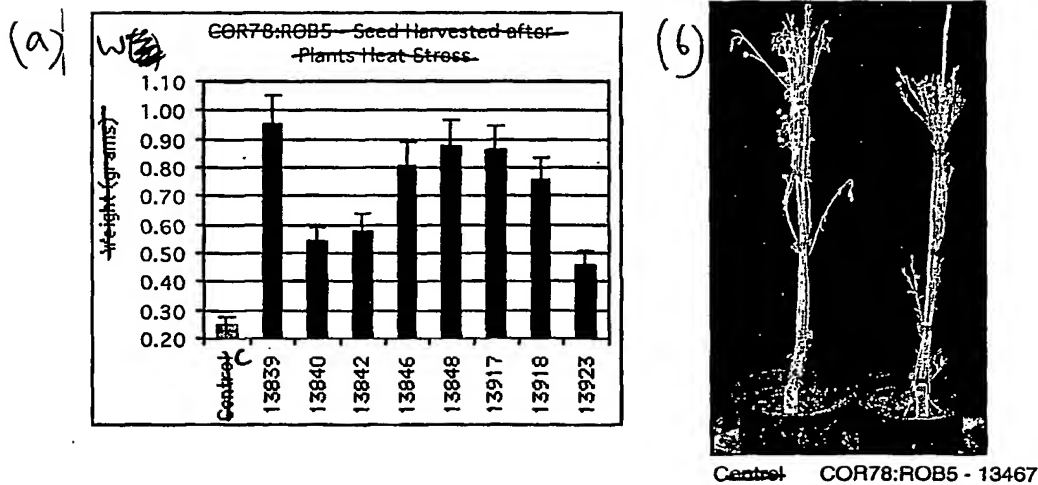


Fig. 11

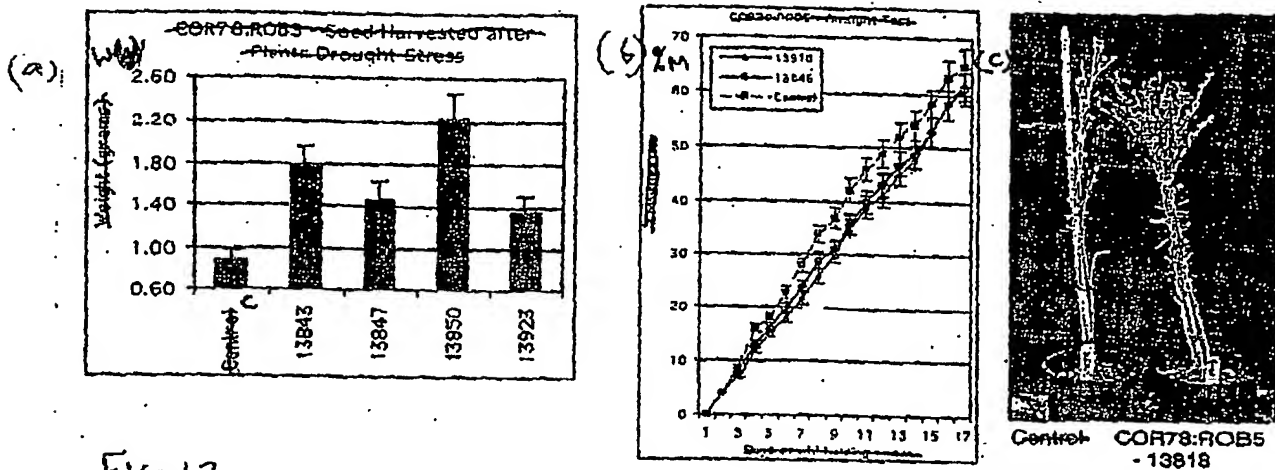


Fig. 17

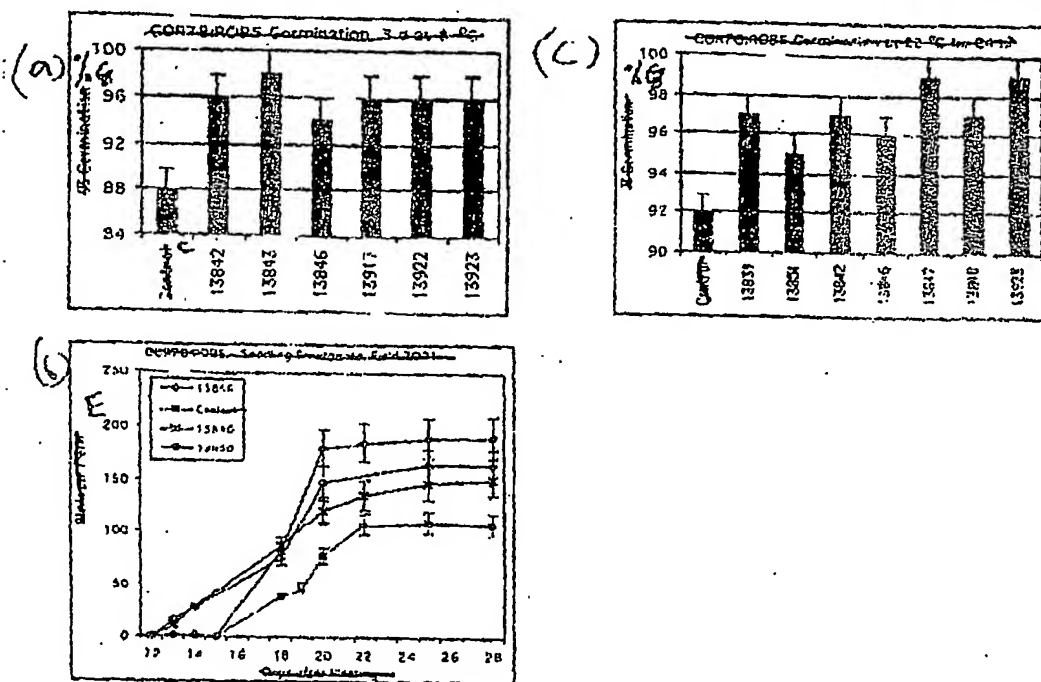


Fig. 13

10/534744

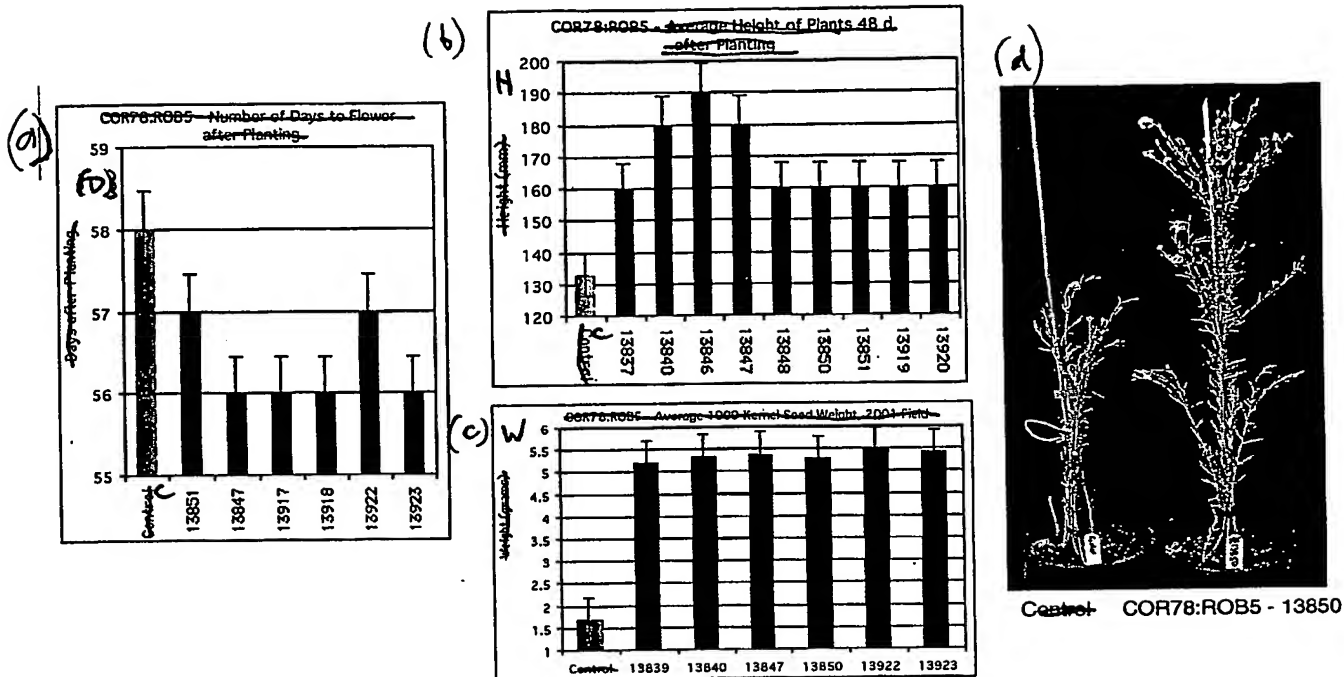
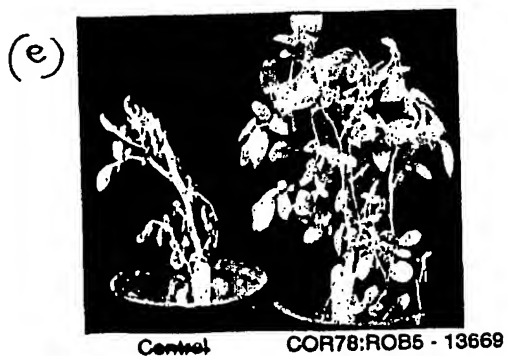
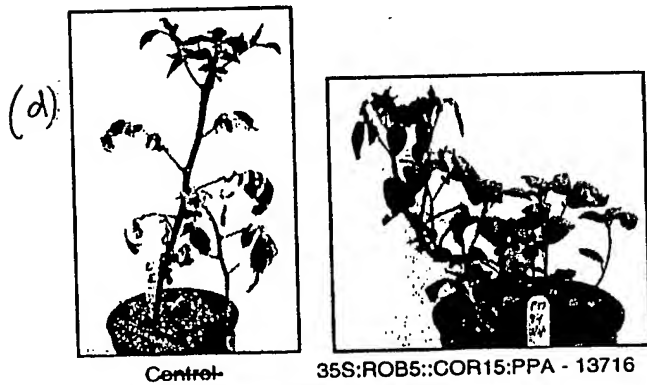
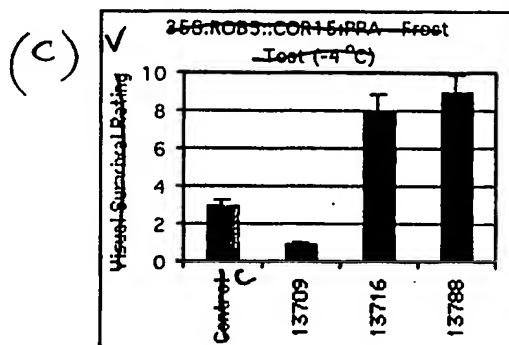
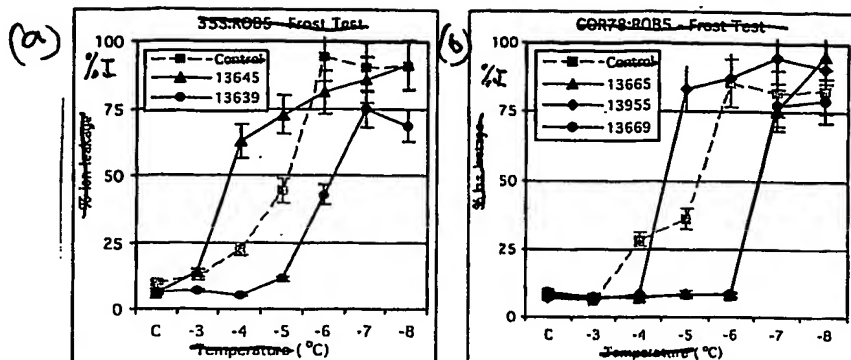


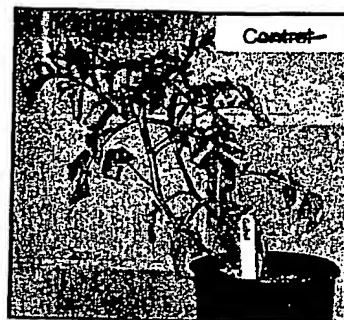
Fig. 14



(a)

Construct	P
Control C	++
35S:ROB5	
13645	++
13646	0
13637	0
COR78:ROB5	
13650	0
13665	+
13955	++

(b)



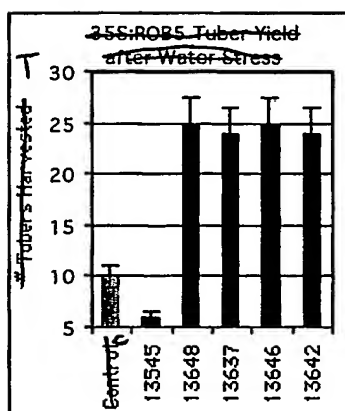
35S:ROB5 - 13637



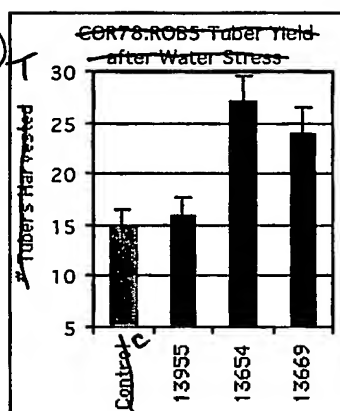
COR78:ROB5 - 13650

Fig. 16

a)



(b)



(c)

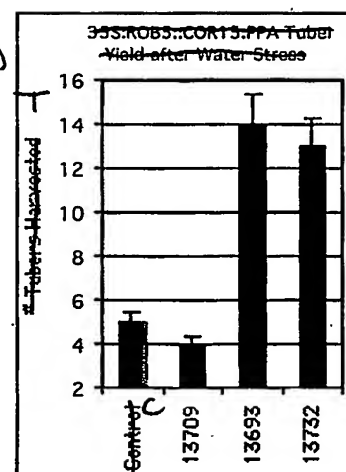


Fig. 17

10/534744

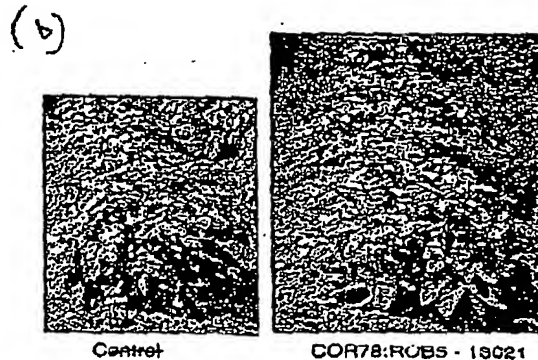
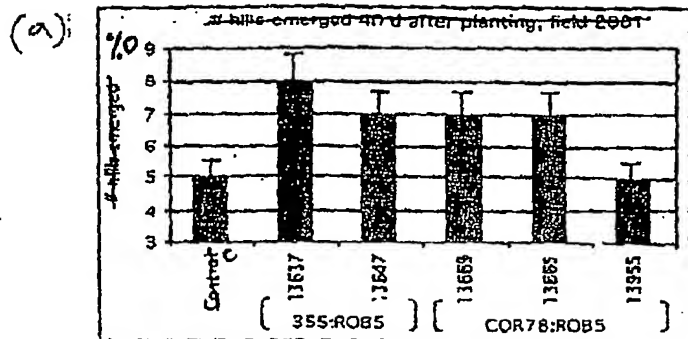


Fig. 18

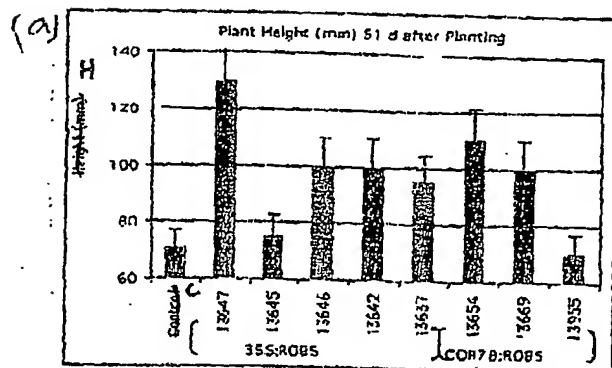
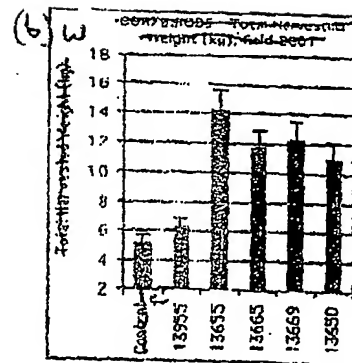


Fig. 19



10/534744

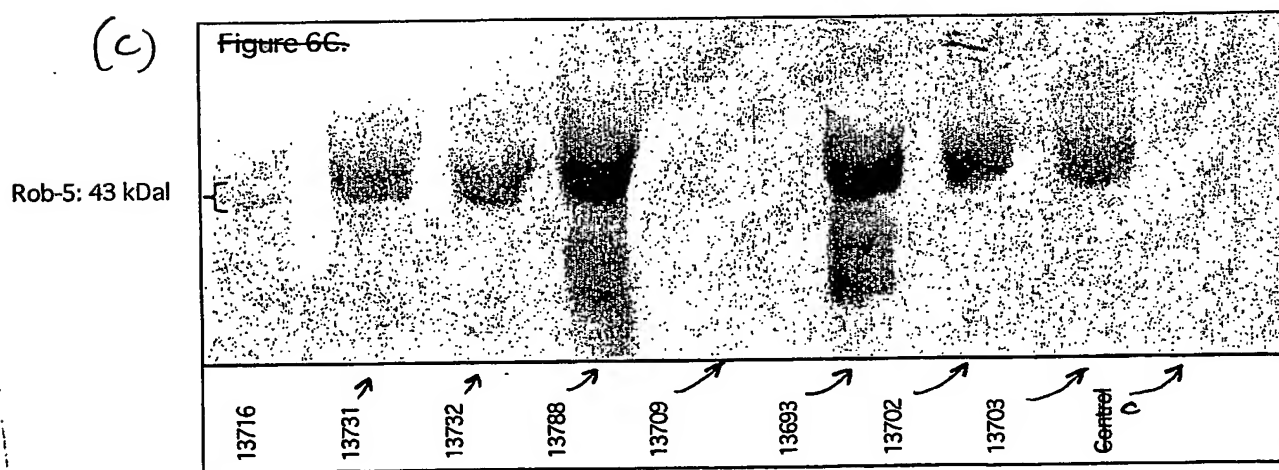
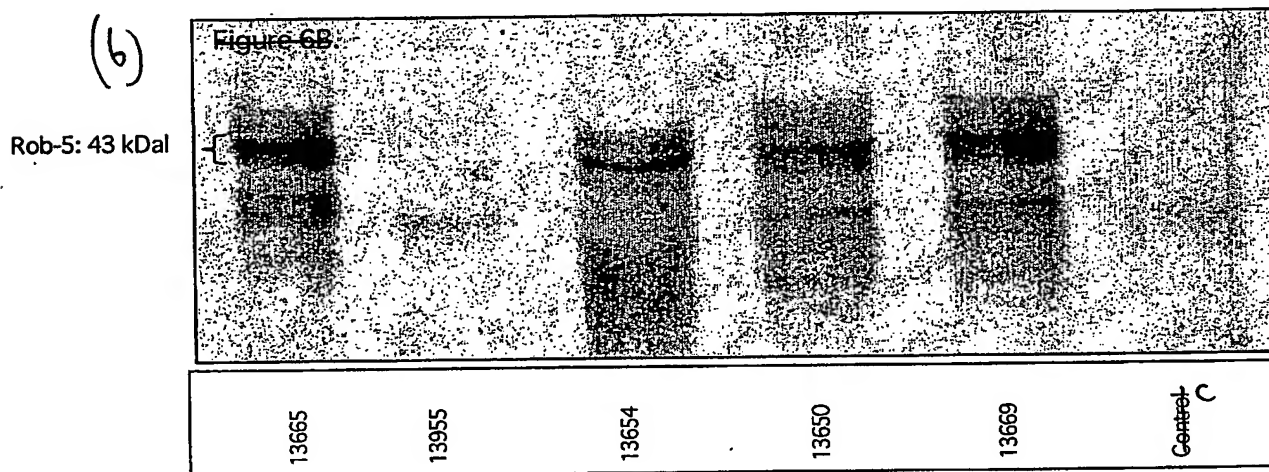
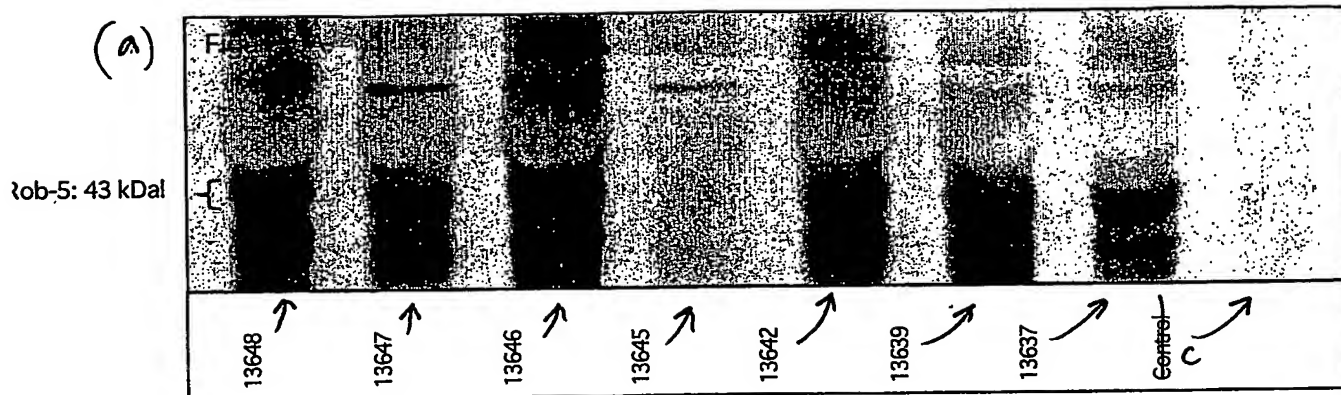


Fig 20

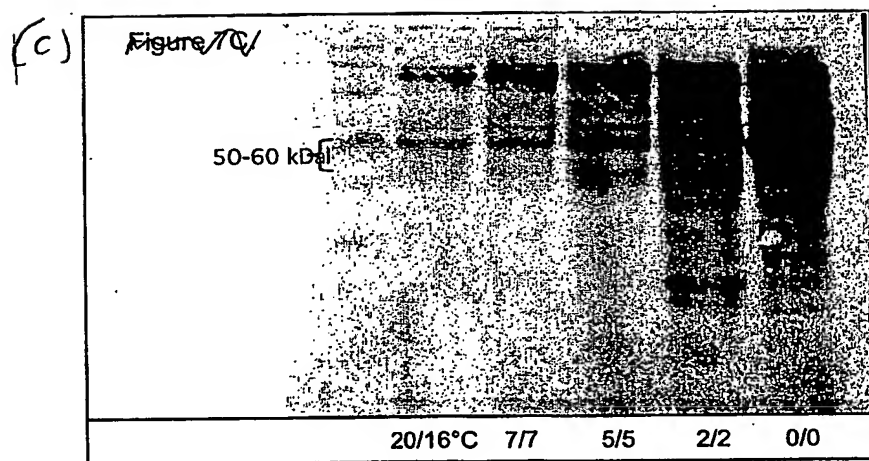
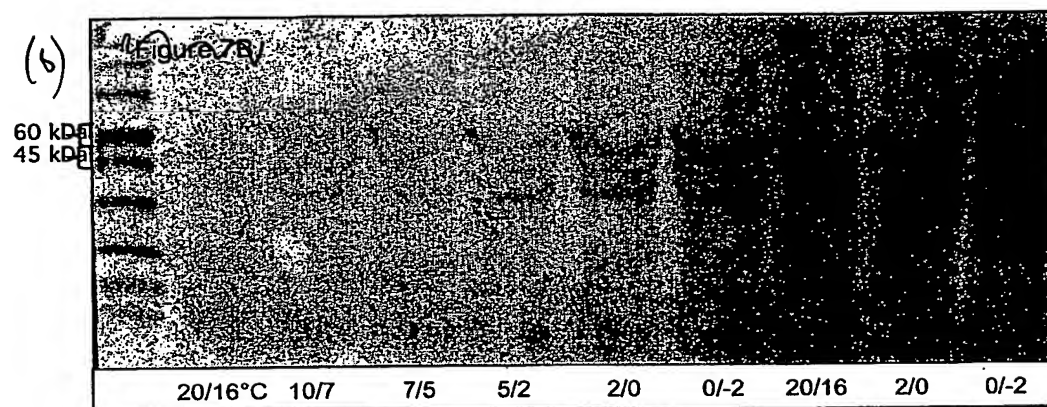
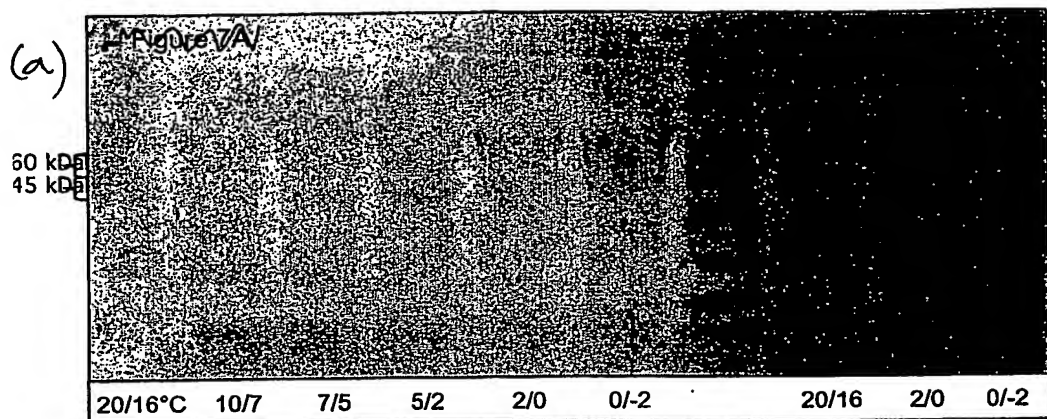


fig. 21

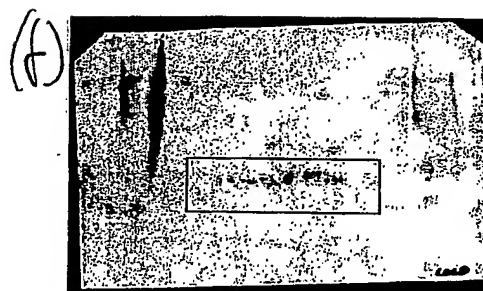
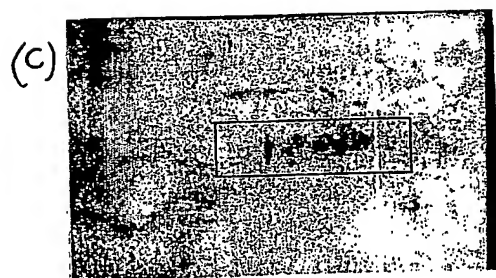
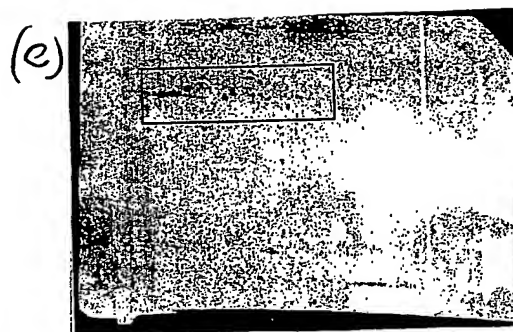
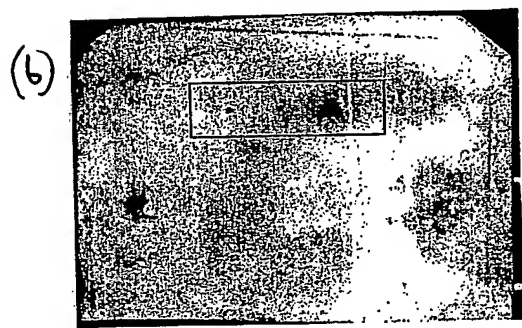
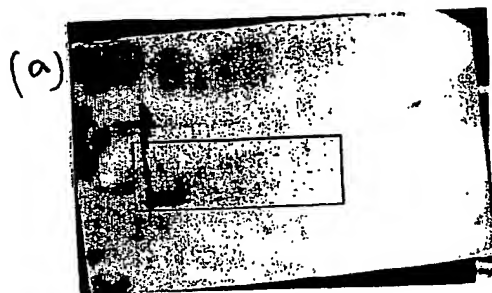


Fig. 22

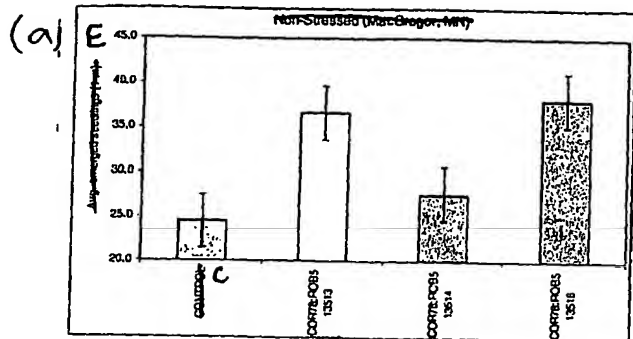


Fig. 23

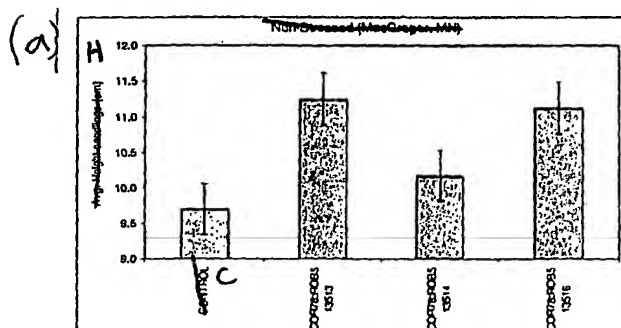
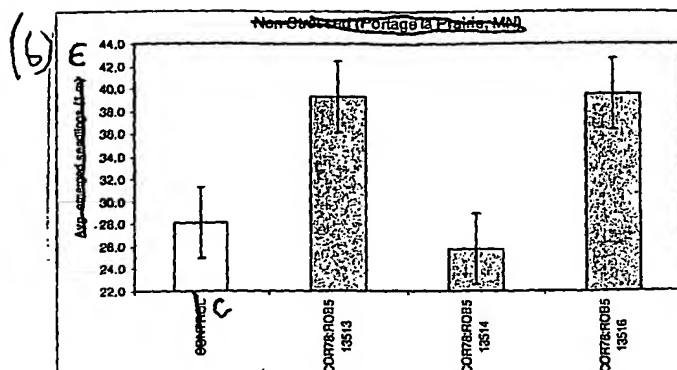


Fig. 24

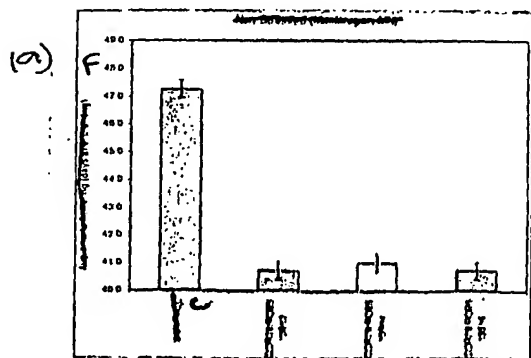
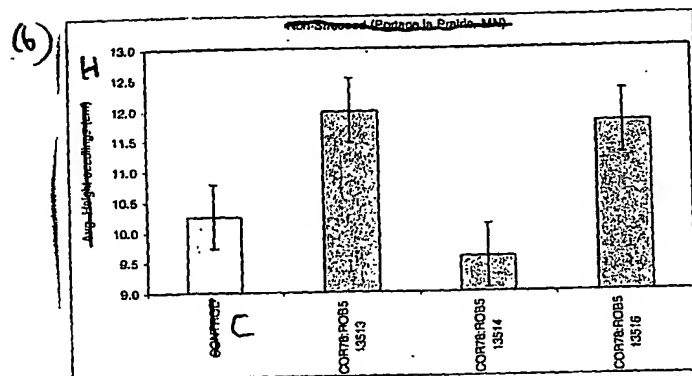
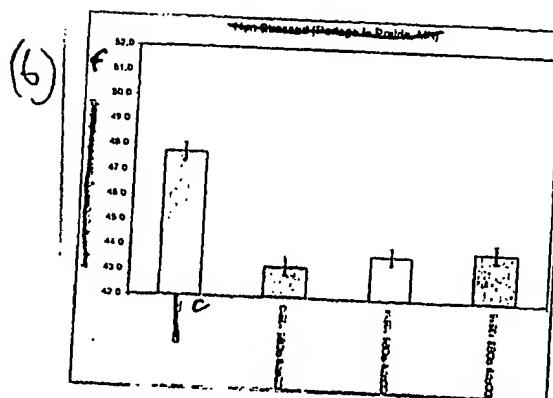


Fig. 25



10/534744

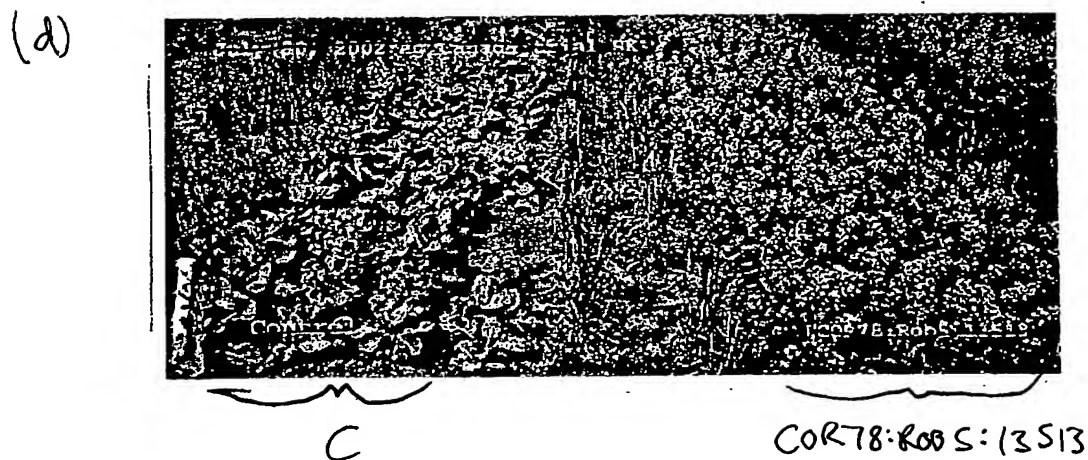
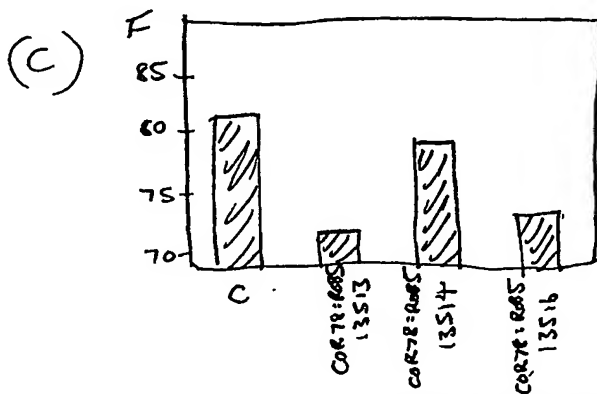
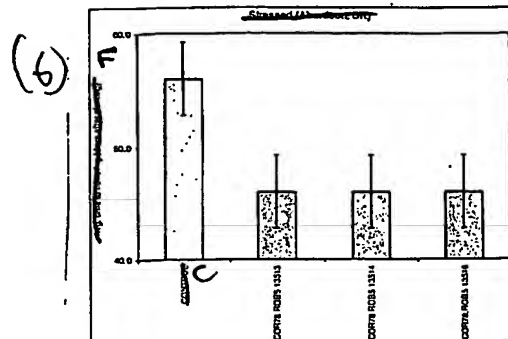
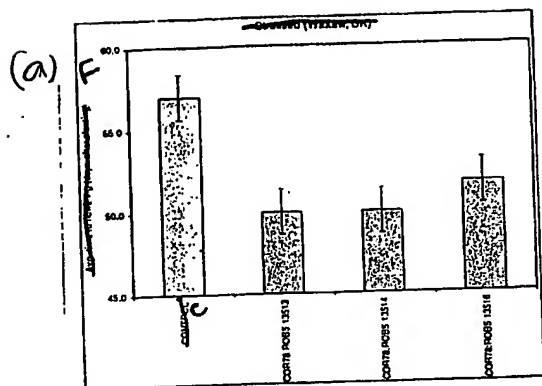


Fig. 26

10/534744

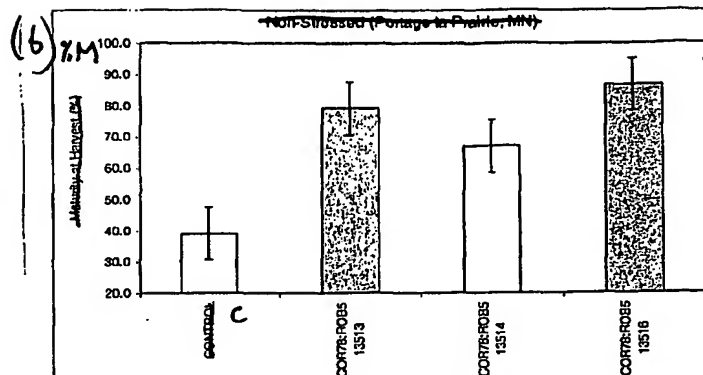
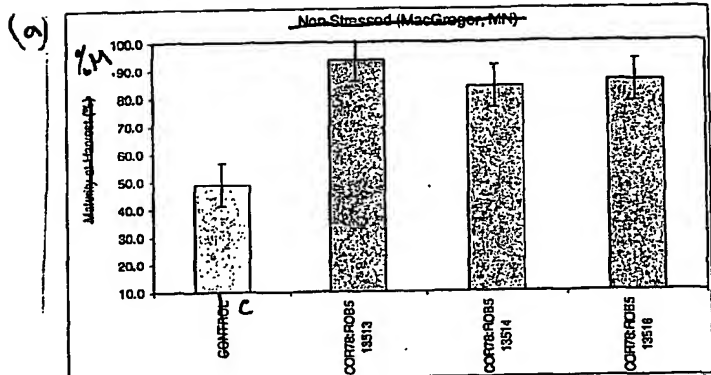


Fig. 27

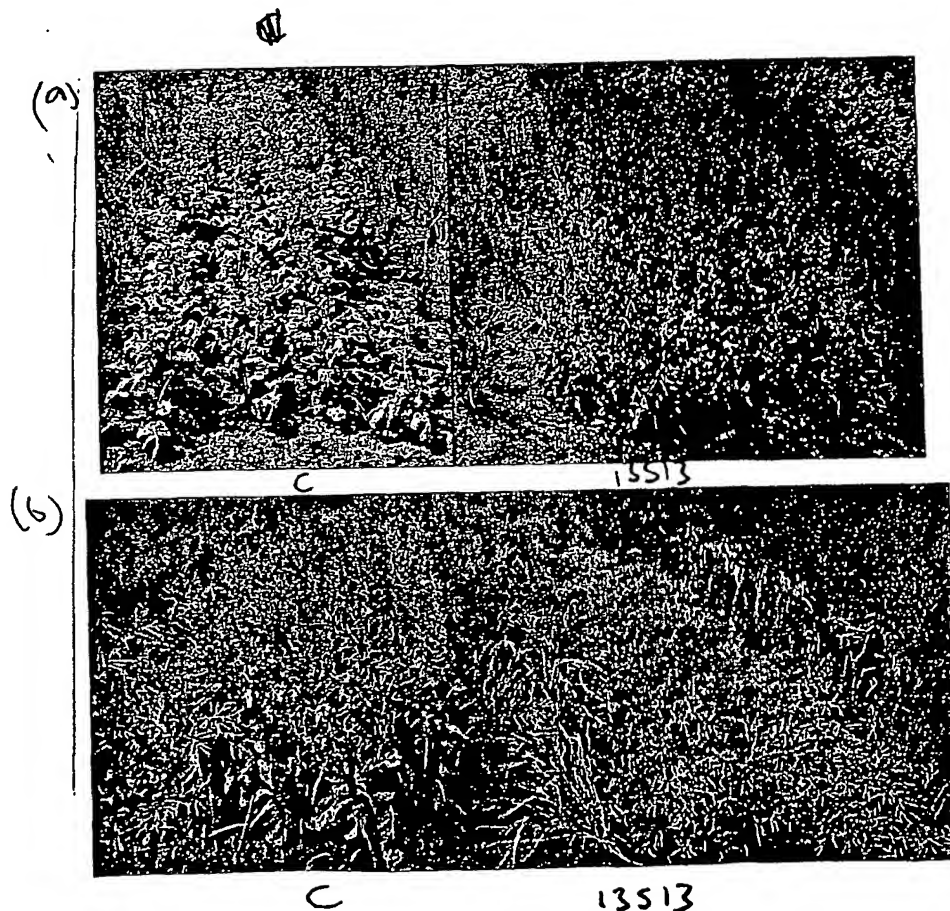


Fig. 28

(a)

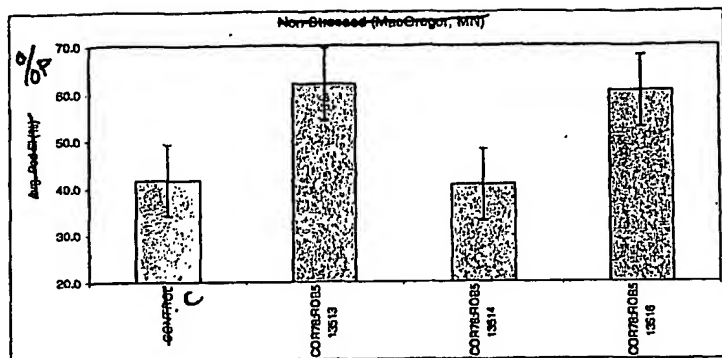
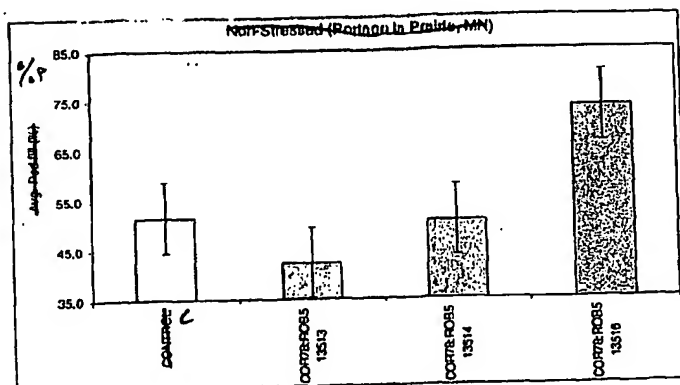


Fig. 29

(b)



(a)

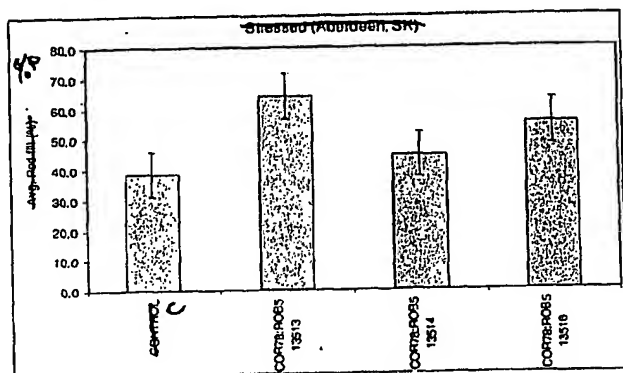
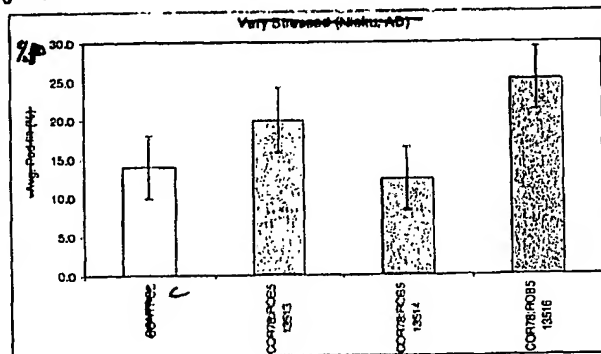


Fig. 30

(b)



(a)



(b)

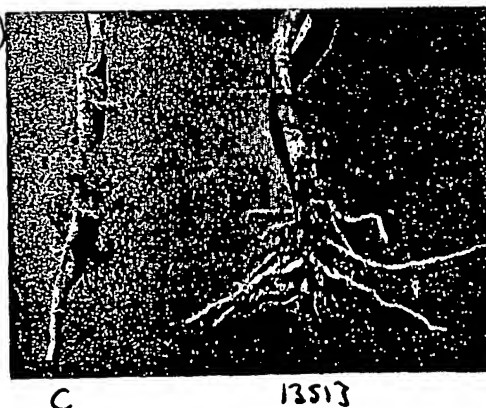


Fig. 31

10/534744

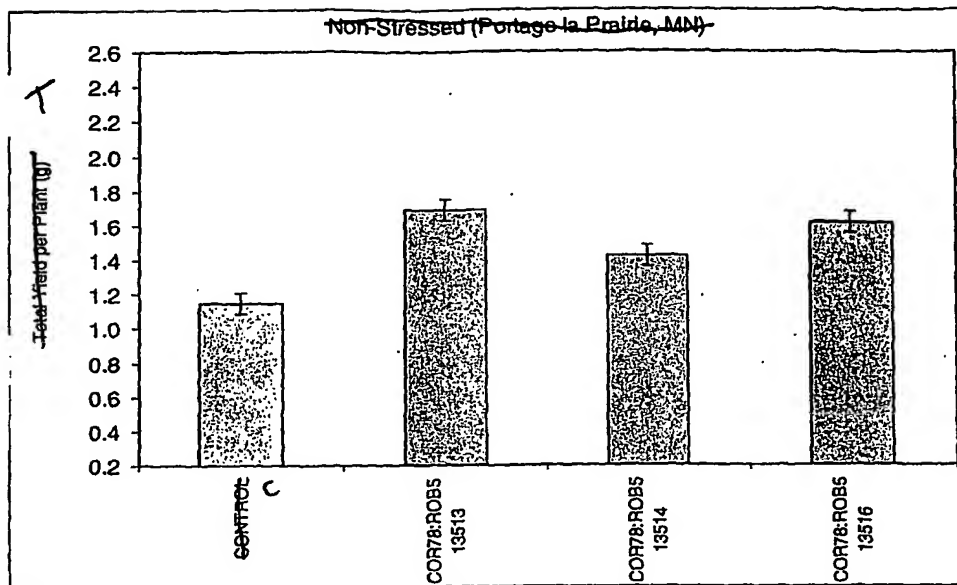


Fig. 32

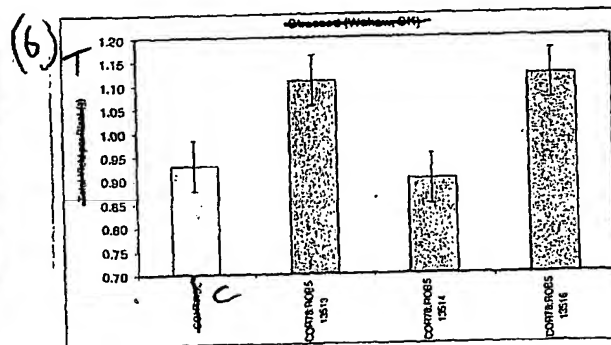
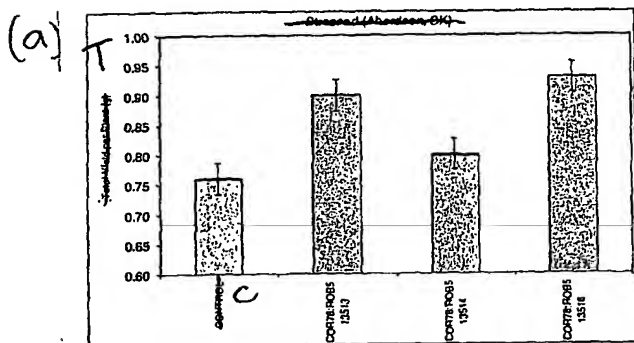


Fig. 33

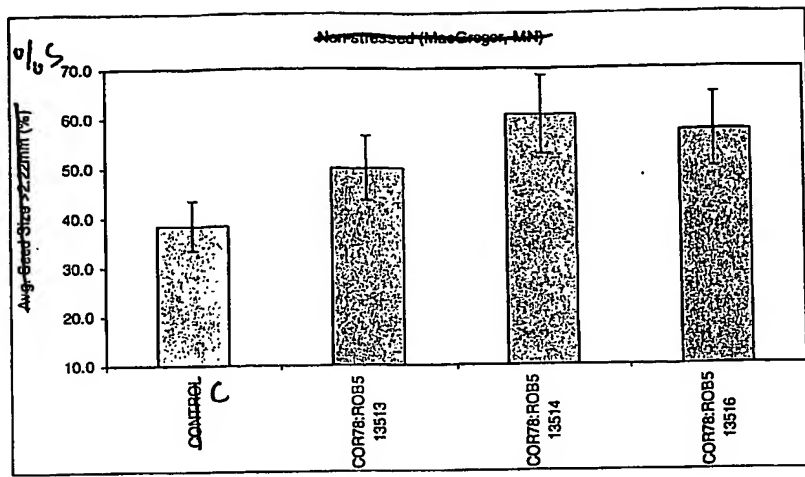


Fig. 34

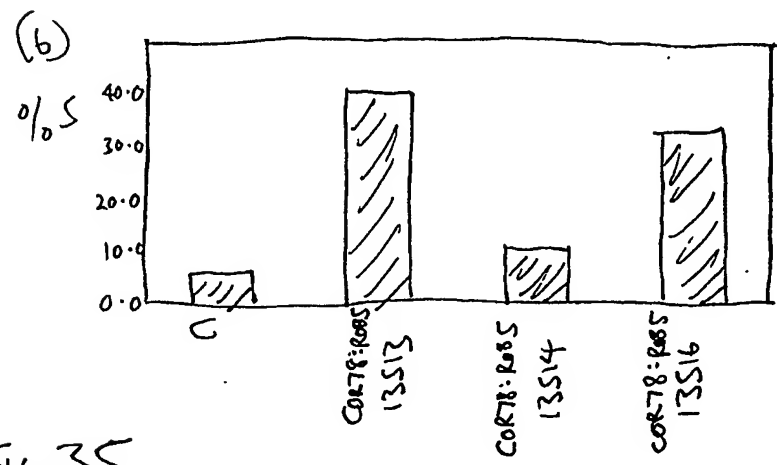
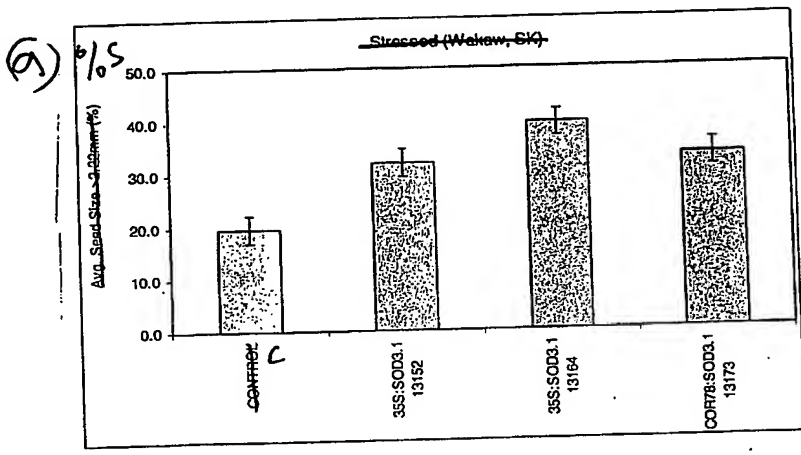
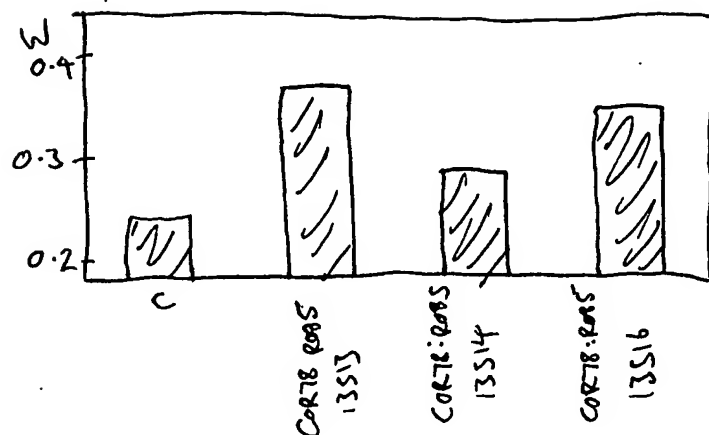


Fig. 35

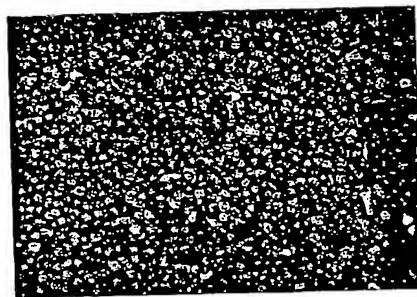
(a)



(b)



C



COR 78:R085

Fig. 36

10/534744

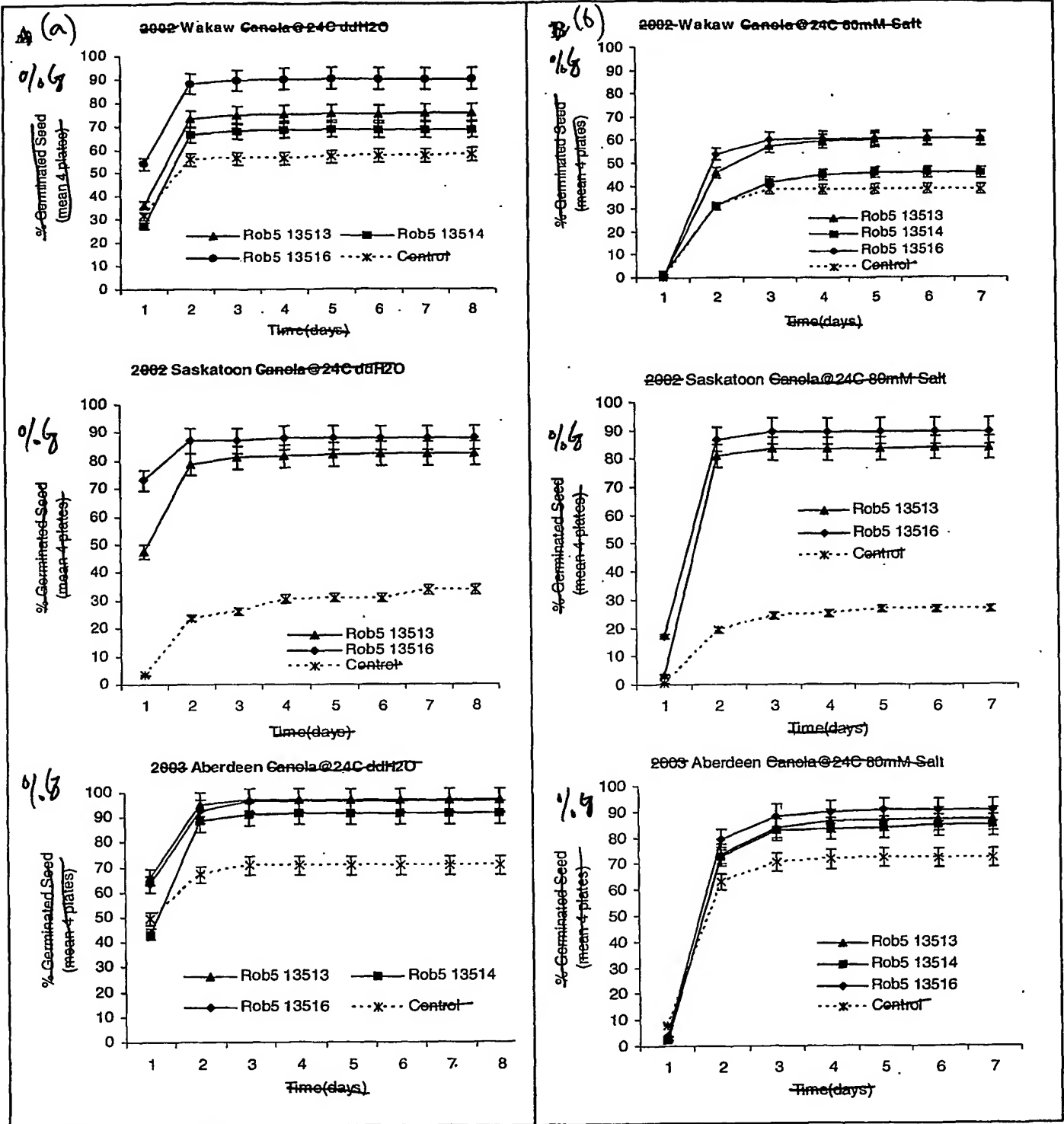


Fig. 37